

Priority  
#3

Access DB# 144070

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Sin J. Lee Examiner #: 76060 Date: 1-27-05  
Art Unit: 1752 Phone Number 302-1333 Serial Number: 101261,842  
Mail Box and Bldg/Room Location: 9D60 Results Format Preferred (circle): PAPER DISK E-MAIL  
(Rem.)

**If more than one search is submitted, please prioritize searches in order of need.**

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: P12. See Bib

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

P12. search for a photoacid generator  
of cl. #1 (Has to have all  
those 3  
components  
in one  
molecule)

\*\*\*\*\*

STAFF USE ONLY

Type of Search

Vendors and cost where applicable

Priority #3

Access DB# 144071

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Sim J. Lee Examiner #: 76060 Date: 1-27-05  
Art Unit: 1752 Phone Number 301-2-1333 Serial Number: 10/761,842  
Mail Box and Bldg/Room Location: 9D60 Results Format Preferred (circle): PAPER DISK E-MAIL  
CRem.

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

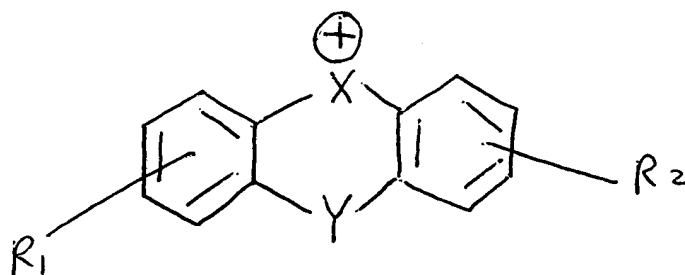
Title of Invention: Plz. See Bib.

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Plz. Search for the following photoacid generator



Anion  
(for example  
 $\text{ClO}_4^-$ ,  $\text{SbF}_6^-$   
or ~~perfluoroalkyl~~  
perfluoroalkyl-sulfonate

X = Iodine or Sulfur

Y = oxygen, sulfur,  $-\text{CH}_2-$ , or

Iodine ~~iodine~~

$R_1$ ,  $R_2$  = H, alkyl, phenyl, or  
caged alkyls

\*\*\*\*\*

STAFF USE ONLY

Type of Search

Vendors and cost where applicable

Priority #3

Access DB# 144012

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Sh J. Lee Examiner #: 176060 Date: 1-27-05  
Art Unit: 1752 Phone Number 301-2-1333 Serial Number: 10/761,842  
Mail Box and Bldg/Room Location: 9060 Results Format Preferred (circle): PAPER DISK E-MAIL  
(Rem.)

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

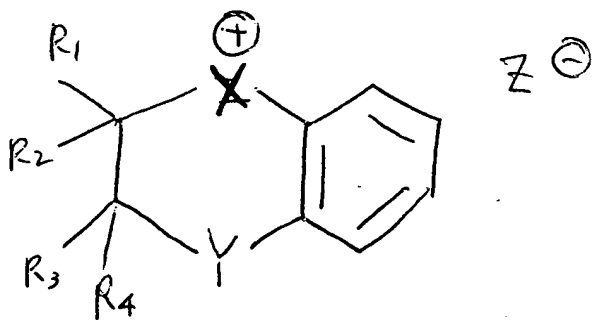
Title of Invention: Plz. See Bib.

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Plz. Search for the following  
photoacid generator



X = Iodine or Sulfur

Y = oxygen, sulfur, -CH2-,  
or iodine

R1-R4 = alkyl  
phenyl  
or caged alkyl

Z = anion  
(for example,  
ClO4<sup>-</sup>, SbF6<sup>-</sup>  
or perfluoroalkyl-  
sulfonate)

STAFF USE ONLY

Type of Search

Vendors and cost where applicable